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OM protein - protein search, using sw model

Run on: June 25, 2003, 14:42:11 ; Search time 10.907 Seconds  
(without alignments)  
283.251 Million cell updates/sec

Title: US-09-622-613b-13

Perfect score: 582

Sequence: 1 MSMDLTFQKKHLTNRDVC.....TFCVTCENQAPVHVGVC 105

Scoring table:

Gapop 10.0, Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 45 summaries

Database:

Issued\_Patents\_AA:\*  
1: /cgn2\_6/ptodata/1/1aa/5A.COMB.pep:\*  
2: /cgn2\_6/ptodata/1/1aa/5B.COMB.pep:\*  
3: /cgn2\_6/ptodata/1/1aa/6A.COMB.pep:\*  
4: /cgn2\_6/ptodata/1/1aa/6B.COMB.pep:\*  
5: /cgn2\_6/ptodata/1/1aa/PTUS.COMB.pep:\*  
6: /cgn2\_6/ptodata/1/1aa/backfill.pep:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	560	96.2	112	3	US-08-875-811-32
2	560	96.2	251	3	US-08-875-811-59
3	560	96.2	254	3	US-08-875-811-61
4	560	96.2	355	3	US-08-875-811-49
5	560	96.2	355	3	US-08-875-811-57
6	560	96.2	355	3	US-08-875-811-64
7	560	96.2	366	3	US-08-875-811-55
8	556	95.5	104	1	US-08-467-955-2
9	556	95.5	105	3	US-08-875-811-39
10	556	95.5	355	3	US-08-875-811-41
11	556	95.5	358	3	US-08-875-811-51
12	555	95.4	105	3	US-08-875-811-26
13	551	94.7	104	1	US-08-283-971-1
14	551	94.7	104	1	US-07-921-619-1
15	551	94.7	104	1	US-08-467-955-1
16	551	94.7	104	2	US-08-891-848-13
17	551	94.7	104	3	US-08-875-811-1
18	551	94.7	104	4	US-09-394-268-1
19	551	94.7	104	4	US-09-071-672-1
20	551	94.7	104	4	US-09-687-748-1
21	551	94.7	106	3	US-08-875-811-38
22	551	94.7	107	3	US-08-875-811-30
23	551	94.7	129	3	US-08-875-811-63
24	551	94.7	358	3	US-08-875-811-45
25	551	94.7	365	3	US-08-875-811-53
26	551	94.7	379	3	US-08-875-811-43
27	549	94.3	105	3	US-08-875-811-24

28	543	93.3	104	4	US-09-394-268-2	Sequence 2, Appl
29	543	93.3	104	4	US-09-687-748-2	Sequence 2, Appl
30	532	91.4	107	3	US-08-875-811-20	Sequence 20, Appl
31	499	85.7	360	3	US-08-875-811-47	Sequence 47, Appl
32	484.5	83.2	111	3	US-08-875-811-22	Sequence 22, Appl
33	445	76.5	83	3	US-08-875-811-2	Sequence 2, Appl
34	445	76.5	83	4	US-09-071-672-3	Sequence 3, Appl
35	287	49.3	111	2	US-08-891-848-12	Sequence 12, Appl
36	287	49.3	111	3	US-08-875-811-8	Sequence 8, Appl
37	216.5	37.2	114	4	US-09-223-118-4	Sequence 4, Appl
38	204.5	35.1	114	4	US-09-223-118-2	Sequence 2, Appl
39	203.5	35.0	114	4	US-09-223-118-3	Sequence 1, Appl
40	201.5	34.6	114	4	US-09-223-118-1	Sequence 3, Appl
41	157.5	27.1	169	1	US-08-441-629-2	Sequence 2, Appl
42	157.5	27.1	169	3	US-08-776-207-2	Sequence 2, Appl
43	157.5	27.1	169	4	US-09-507-773-2	Sequence 2, Appl
44	157.5	27.1	169	5	PCT-US95-09172-2	Sequence 2, Appl
45	144	24.7	28	3	US-08-875-811-3	Sequence 3, Appl

#### ALIGNMENTS

RESULT 1  
US-08-875-811-32  
Sequence 32, Application US/08875811.  
Patent No. 6045793  
GENERAL INFORMATION:  
APPLICANT: Rybak, Susanna M.  
APPLICANT: Newton, Dianne L.  
APPLICANT: Bogue, Luis  
APPLICANT: Wlodawer, Alexander  
TITLE OF INVENTION: Recombinant Ribonuclease Proteins  
NUMBER OF SEQUENCES: 64  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/875,811  
FILING DATE: 19-FEB-1998  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/US97/02588  
FILING DATE: 19-FEB-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/011,800  
FILING DATE: 21-FEB-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Paris, Susan K.  
REGISTRATION NUMBER: 41,739  
REFERENCE/DOCKET NUMBER: 015280-244100US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 32:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 112 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-875-811-32  
Query Match 96.2%; Score 560; DB 3; Length 112;  
Best Local Similarity 96.2%; Pred. No. 8e-61;

Matches	101;	Conservative	2;	Mismatches	2;	Indels	0;	Gaps	0;
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QY 1 MSDLTFQKHLNTRPVDCNNINMNTLFPCKCKKNFYSRPPVPAICKGIIASNNVLT 60  
DQ 8 MSDLTFQKHLNTRPVDCNNINMNTLFPCKCKKNFITSRPPVPAICKGIIASNNVLT 67  
QY 61 TSEFYISLDCNVTSRPPCKYKIKLKSTNFCYTCGQAVPHVHGVC 105  
DQ 68 TSEFYISLDCNVTSRPPCKYKIKLKSTNFCYTCGQAVPHVHGVC 112

RESULT 2  
US-08-87

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? sequence 59, Application US/00875811
? Patent No. 6045793
?
? GENERAL INFORMATION:
?   APPLICANT: Rybak, Susanna M.
?   APPLICANT: Newton, Dianne L.
?   APPLICANT: Boque, Luis
?   APPLICANT: Wlodawer, Alexander
?   TITLE OF INVENTION: Recombinant Ribonuclease Proteins
?   NUMBER OF SEQUENCES: 64
?   CORRESPONDENCE ADDRESS:
?     ADDRESSEE: Townsend and Townsend and Crew LLP
?     STREET: Two Embarcadero Center, Eighth floor
?     CITY: San Francisco
?     STATE: California
?     COUNTRY: USA
?     ZIP: 94111-3834
?
? COMPUTER READABLE FORM:
?   MEDIUM TYPE: floppy disk
?   COMPUTER: IBM PC compatible
?   OPERATING SYSTEM: PC-DOS/MS-DOS
?   SOFTWARE: PatentIn Release #1.0, Version #1.30
?   CURRENT APPLICATION DATA:
?     APPLICATION NUMBER: US/08/875,811
?     FILING DATE: 19-FEB-1998
?     CLASSIFICATION: 435
?     PRIOR APPLICATION DATA:
?       APPLICATION NUMBER: WO PCT/US97/02588
?       FILING DATE: 19-FEB-1997
?       PRIOR APPLICATION DATA:
?         APPLICATION NUMBER: US 60/011,800
?         FILING DATE: 21-FEB-1996
?         ATTORNEY/AGENT INFORMATION:
?           NAME: Faris, Susan K.
?           REGISTRATION NUMBER: 41,739
?           REFERENCE/DOCKET NUMBER: 015280-244100US
?           TELECOMMUNICATION INFORMATION:
?             TELEPHONE: (415) 576-0200
?             TELEFAX: (415) 576-0300
?             INFORMATION FOR SEQ ID NO: 59:
?               SEQUENCE CHARACTERISTICS:
?                 LENGTH: 251 amino acids
?                 TYPE: amino acid
?                 TOPOLOGY: linear
?
? MOLECULE TYPE: protein
?
? US-08-875-811-59

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Query Match	96.2%	Score 560;	DB 3;	Length 251;
Best Local Similarity	96.2%	Pred. No. 2.3e-60;		
Matches 101; Conservative	2;	Mismatches	2;	Indels

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Db	147	MSDMLTFQKKHILNTNRDVCNNIMSTNLFHCKDKMTFTSREBPKAICGKIASKNVLT	206
QY	61	TSEYILSDCNTSRPCKKYLKKKSTNTFCVTCENQAPVHFFVGGHC	105
Db	207	TSEYILSDCNTSRPCKKYLKKKSTNTFCVTCENQAPVHFFVGGSC	251

### RESULT, 3

US-08-875-811-61

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1      Sequence 61, Application US/08875811
2      Patent No. 6045793
3
4      GENERAL INFORMATION:
5
6      APPLICANT: Rybak, Susanna M.
7      APPLICANT: Newton, Dianne L.
8      APPLICANT: Boque, Luis
9      APPLICANT: Wlodawer, Alexander
10     TITLE OF INVENTION: Recombinant Ribonuclease Proteins
11     NUMBER OF SEQUENCES: 64
12
13     CORRESPONDENCE ADDRESS:
14
15     ADDRESSEE: Townsend and Townsend and Crew LLP
16     STREET: Two Embarcadero Center, Eighth Floor
17     CITY: San Francisco
18     STATE: California
19     COUNTRY: USA
20     ZIP: 94111-3834
21
22     COMPUTER READABLE FORM:
23
24     MEDIUM TYPE: Floppy disk
25     COMPUTER: IBM PC compatible
26     OPERATING SYSTEM: PC-DOS/MS-DOS
27     SOFTWARE: PatentIn Release #1.0, Version #1.30
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29     CURRENT APPLICATION DATA:
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31     APPLICATION NUMBER: US/08/875,811
32     FILING DATE: 19-FEB-1998
33
34     CLASSIFICATION: 435
35
36     PRIOR APPLICATION DATA:
37     APPLICATION NUMBER: WO PCT/US97/02588
38     FILING DATE: 19-FEB-1997
39
40     PRIOR APPLICATION DATA:
41     APPLICATION NUMBER: US 60/011,800
42     FILING DATE: 21-FEB-1996
43
44     ATTORNEY/AGENT INFORMATION:
45     NAME: Fatis, Susan K.
46     REGISTRATION NUMBER: 41,739
47     REFERENCE/DOCKET NUMBER: 015280-244100US
48
49     TELECOMMUNICATION INFORMATION:
50     TELEPHONE: (415) 576-0200
51     TELEFAX: (415) 576-0300
52
53     INFORMATION FOR SEQ ID NO: 61:
54     SEQUENCE CHARACTERISTICS:
55     LENGTH: 254 amino acids
56     TYPE: amino acid
57     TOPOLOGY: Linear
58
59     MOLECULE TYPE: protein
60
61     US-08-875-811-61

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Query Match	96.28;	Score 560;	DB 3;	Length 254;
Best Local Similarity	96.28;	Pred. No. 2.3e-60;		
Matches 101; Conservative	2;	Mismatches 2;	Indels 0;	Gaps 0;

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Db	1	MSDLFTQKHHLNLT	RPVDCNNINMISNINLP	FLPCFKKKNFTYSR	RPAPVAICKGIASNNVLT
QY	61	TSEFTYISDCNWNTRSPCKYFKLK	TKSTNFCYTCENQAPVHFVGVGHC	105	
Db	61	TSEFTYISDCNWNTRSPCKYFKLK	TKSTNFCYTCENQAPVHFVGVGHC	105	

RESULT 4  
HS-08-075-011-40

Sequence 49, Application US/08875811  
Patent No. 6045793  
GENERAL INFORMATION:  
APPLICANT: Rybak, Susanna M.  
APPLICANT: Newton, Dianne L.  
APPLICANT: Boque, Luis  
APPLICANT: Mlodawer, Alexander  
TITLE OF INVENTION: Recombinant Ribonuclease Proteins  
NUMBER OF SEQUENCES: 64  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentln Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/875,811  
FILING DATE: 19-FEB-1998  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/US97/02588  
FILING DATE: 19-FEB-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/011,800  
FILING DATE: 21-FEB-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Faris, Susan K.  
REGISTRATION NUMBER: 41,739  
REFERENCE/DOCKET NUMBER: 015280-244100US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 49:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 355 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-875-811-49

Query Match 96.2%; Score 560; DB 3; Length 355;  
Best Local Similarity 96.2%; Pred. No. 3,6e-60;  
Matches 101; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 MSMDLTFQKHHLTNRDVDCNNINSTNLFHCKDKNTFYSPREPKAICKGIISKVLT 60  
DB 251 MSMDLTFQKHHLTNRDVDCNNINSTNLFHCKDKNTFYSPREPKAICKGIISKVLT 310  
QY 61 TSEFYLSDCNVTSPCKYKLLKSTNFCVTCENQAPVHFVGVGC 105  
DB 311 TSEFYLSDCNVTSPCKYKLLKSTNFCVTCENQAPVHFVGVGC 355

RESULT 5  
US-08-875-811-57  
Sequence 57, Application US/08875811  
Patent No. 6045793  
GENERAL INFORMATION:  
APPLICANT: Rybak, Susanna M.  
APPLICANT: Newton, Dianne L.  
APPLICANT: Bogue, Luis  
APPLICANT: Wlodawer, Alexander  
TITLE OF INVENTION: Recombinant Ribonuclease Proteins  
NUMBER OF SEQUENCES: 64  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentln Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/875,811

FILING DATE: 19-FEB-1998  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/US97/02588  
FILING DATE: 19-FEB-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/011,800  
FILING DATE: 21-FEB-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Faris, Susan K.  
REGISTRATION NUMBER: 41,739  
REFERENCE/DOCKET NUMBER: 015280-244100US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 57:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 355 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-875-811-57

Query Match 96.2%; Score 560; DB 3; Length 355;  
Best Local Similarity 96.2%; Pred. No. 3,6e-60;  
Matches 101; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 MSMDLTFQKHHLTNRDVDCNNINSTNLFHCKDKNTFYSPREPKAICKGIISKVLT 60  
DB 251 MSMDLTFQKHHLTNRDVDCNNINSTNLFHCKDKNTFYSPREPKAICKGIISKVLT 60  
QY 61 TSEFYLSDCNVTSPCKYKLLKSTNFCVTCENQAPVHFVGVGC 105  
DB 61 TSEFYLSDCNVTSPCKYKLLKSTNFCVTCENQAPVHFVGVGC 105

RESULT 6  
US-08-875-811-64  
Sequence 64, Application US/08875811  
Patent No. 6045793  
GENERAL INFORMATION:  
APPLICANT: Rybak, Susanna M.  
APPLICANT: Newton, Dianne L.  
APPLICANT: Bogue, Luis  
APPLICANT: Wlodawer, Alexander  
TITLE OF INVENTION: Recombinant Ribonuclease Proteins  
NUMBER OF SEQUENCES: 64  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentln Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/875,811  
FILING DATE: 19-FEB-1998  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/US97/02588  
FILING DATE: 19-FEB-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/011,800  
FILING DATE: 21-FEB-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Faris, Susan K.  
REGISTRATION NUMBER: 41,739  
REFERENCE/DOCKET NUMBER: 015280-244100US

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 64:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 355 amino acids  
TYPE: amino acid  
STRANDEDNESS:  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
FEATURE:  
NAME/KEY: Protein  
LOCATION: 1..355  
OTHER INFORMATION: /note="E6FB[Met-(-1)]seronc"  
US-08-875-811-64

Query Match 96.2%; Score 560; DB 3; Length 355;  
Best Local Similarity 96.2%; Pred. No. 3.6e-60;  
Matches 101: Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY 1 MSDMLTFOKKHLLTNRDVCNNIMSTNLFHCKDKNTFTYSRPEPKAICKGIISKNVLT 60  
|||||  
DB 251 MSDMLTFOKKHLLTNRDVCNNIMSTNLFHCKDKNTFTYSRPEPKAICKGIISKNVLT 310  
OY 61 TSEFYLSDCNVTSRPCKYKLLKSTNTFCVTCENQAPVHVGVC 105  
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DB 311 TSEFYLSDCNVTSRPCKYKLLKSTNTFCVTCENQAPVHVGVC 355

RESULT 7  
US-08-875-811-55  
Sequence 55, Application US/08875811  
Patent No. 6045793  
GENERAL INFORMATION:  
APPLICANT: Rybak, Susanna M.  
APPLICANT: Newton, Dianne L.  
APPLICANT: Boque, Luis  
APPLICANT: Wlodawer, Alexander  
TITLE OF INVENTION: Recombinant Ribonuclease Proteins  
NUMBER OF SEQUENCES: 64  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/875,811  
FILING DATE: 19-FEB-1998  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/US97/02588  
FILING DATE: 19-FEB-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/011,800  
FILING DATE: 21-FEB-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Faris, Susan K.  
REGISTRATION NUMBER: 41,739  
REFERENCE/DOCKET NUMBER: 015280-244100US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 55:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 366 amino acids  
TYPE: amino acid

TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-875-811-55

Query Match 96.2%; Score 560; DB 3; Length 366;  
Best Local Similarity 96.2%; Pred. No. 3.8e-60;  
Matches 101: Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY 1 MSDMLTFOKKHLLTNRDVCNNIMSTNLFHCKDKNTFTYSRPEPKAICKGIISKNVLT 60  
|||||  
DB 262 MSDMLTFOKKHLLTNRDVCNNIMSTNLFHCKDKNTFTYSRPEPKAICKGIISKNVLT 321  
OY 61 TSEFYLSDCNVTSRPCKYKLLKSTNTFCVTCENQAPVHVGVC 105  
|||||  
DB 322 TSEFYLSDCNVTSRPCKYKLLKSTNTFCVTCENQAPVHVGVC 366

RESULT 8  
US-08-467-955-2  
Sequence 2, Application US/08467955  
Patent No. 5728605  
GENERAL INFORMATION:  
APPLICANT: Ardelt Ph.D. Wojciech J.  
TITLE OF INVENTION: PHARMACEUTICALS AND METHOD FOR MAKING THEM  
NUMBER OF SEQUENCES: 2  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Mark H. Jay, P.A.  
STREET: P.O. Box E  
CITY: Short Hills  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07078-0383  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.24  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/467,955  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/178,118  
FILING DATE: 06-APR-1988  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/436,141  
FILING DATE: 13-NOV-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/814,332  
FILING DATE: 03-FEB-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/283,970  
FILING DATE: 01-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Jay, Mark H.  
REGISTRATION NUMBER: 27507  
REFERENCE/DOCKET NUMBER: 5007 US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201-912-9066  
TELEFAX: 201-912-0442  
TELEX: No. 5728805 Applicable  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 104 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
HYPOTHETICAL: N  
ANTI-SENSE: N  
FRAGMENT TYPE: N-terminal  
ORIGINAL SOURCE:  
ORGANISM: Rana pipiens

DEVELOPMENTAL STAGE: Oocyte  
US-08-467-955-2

Query Match 95.5%: Score 556; DB 1; Length 104;  
Best Local Similarity 97.1%: Pred. No. 2.2e-60;  
Matches 100; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 3 DWLTFQKHLTNFQVDCNNIMSTNLFHCKDKNTFIYSRPEPVKAICGIIASKNVLTTS 62  
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DB 2 DWLTFQKHLTNFQVDCNNIMSTNLFHCKDKNTFIYSRPEPVKAICGIIASKNVLTTS 61

QY 63 EFTLSDCNVTSRPPCKYKLLKSTNFCVTCENQAPVHFVGVGHC 105  
|||||  
DB 62 EFTLSDCNVTSRPPCKYKLLKSTNFCVTCENQAPVHFVGVGHC 104

RESULT 9  
US-08-875-811-39  
Sequence 39, Application US/08875811  
Patent No. 6045793

GENERAL INFORMATION:  
APPLICANT: Rybak, Susanna M.  
APPLICANT: Newton, Dianne L.  
APPLICANT: Boque, Lluis  
APPLICANT: Wlodawer, Alexander  
TITLE OF INVENTION: Recombinant Ribonuclease Proteins  
NUMBER OF SEQUENCES: 64  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/875,811  
FILING DATE: 19-FEB-1998  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/US97/02588  
FILING DATE: 19-FEB-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/011,800  
FILING DATE: 21-FEB-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Paris, Susan K.  
REGISTRATION NUMBER: 41,739  
REFERENCE/DOCKET NUMBER: 015280-244100US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ. ID NO: 39:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 105 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-875-811-39

Query Match 95.5%: Score 556; DB 3; Length 105;  
Best Local Similarity 95.2%: Pred. No. 2.3e-60;  
Matches 100; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1 MSWLTFQKHLTNFQVDCNNIMSTNLFHCKDKNTFIYSRPEPVKAICGIIASKNVLT 60  
|||||  
DB 1 MSWLTFQKHLTNFQVDCNNIMSTNLFHCKDKNTFIYSRPEPVKAICGIIASKNVLT 60

QY 61 TSEFYLSDCNVTSRPPCKYKLLKSTNFCVTCENQAPVHFVGVGHC 105

|||||  
DB 61 TSEFYLSDCNVTSRPPCKYKLLKSTNFCVTCENQAPVHFVGVGSC 105

RESULT 10  
US-08-875-811-41  
Sequence 41, Application US/08875811  
Patent No. 6045793

GENERAL INFORMATION:  
APPLICANT: Rybak, Susanna M.  
APPLICANT: Newton, Dianne L.  
APPLICANT: Boque, Lluis  
APPLICANT: Wlodawer, Alexander  
TITLE OF INVENTION: Recombinant Ribonuclease Proteins  
NUMBER OF SEQUENCES: 64  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/875,811  
FILING DATE: 19-FEB-1998  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/US97/02588  
FILING DATE: 19-FEB-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/011,800  
FILING DATE: 21-FEB-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Paris, Susan K.  
REGISTRATION NUMBER: 41,739  
REFERENCE/DOCKET NUMBER: 015280-244100US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ. ID NO: 41:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 355 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-875-811-41

Query Match 95.5%: Score 556; DB 3; Length 355;  
Best Local Similarity 95.2%: Pred. No. 1.1e-59;  
Matches 100; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1 MSWLTFQKHLTNFQVDCNNIMSTNLFHCKDKNTFIYSRPEPVKAICGIIASKNVLT 60  
|||||  
DB 251 MSWLTFQKHLTNFQVDCNNIMSTNLFHCKDKNTFIYSRPEPVKAICGIIASKNVLT 310

QY 61 TSEFYLSDCNVTSRPPCKYKLLKSTNFCVTCENQAPVHFVGVGHC 105  
|||||  
DB 311 TSEFYLSDCNVTSRPPCKYKLLKSTNFCVTCENQAPVHFVGVGSC 355

RESULT 11  
US-08-875-811-51  
Sequence 51, Application US/08875811  
Patent No. 6045793

GENERAL INFORMATION:  
APPLICANT: Rybak, Susanna M.  
APPLICANT: Newton, Dianne L.  
APPLICANT: Boque, Lluis

APPLICANT: Wlodawer, Alexander  
TITLE OF INVENTION: Recombinant Ribonuclease Proteins  
NUMBER OF SEQUENCES: 64  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC Compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentln Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/875,811  
FILING DATE: 19-FEB-1998  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/US97/02588  
FILING DATE: 19-FEB-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/011,800  
FILING DATE: 21-FEB-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Faris, Susan K.  
REGISTRATION NUMBER: 41,739  
REFERENCE/DOCKET NUMBER: 015280-244100US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 51:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 358 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-875-811-51

Query Match 95.5%; Score 556; DB 3; Length 358;  
Best Local Similarity 95.2%; Pred. No. 1.1e-59;  
Matches 100; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1 MSDMLTFQKKHLNTRFDVDCNNIMSTNLFHCKDKNTFTYSRPPVAICGIIASKNVLT 60  
DB 1 MEDWLFQKKHITNTRFDVDCDINIMSTNLFHCKDKNTFTYSRPPVAICGIIASKNVLT 60  
QY 61 TSEFYISDCNVTSRPCKYKRLKSTNTECVTCENQAPVHFVGVGHC 105  
DB 61 TSEFYISDCNVTSRPCKYKRLKSTNTECVTCENQAPVHFVGVGSC 105

RESULT 12  
US-08-875-811-26  
Sequence 26, Application US/08875811  
Patent No. 6045793  
GENERAL INFORMATION:  
APPLICANT: Rybak, Susanna M.  
APPLICANT: Newton, Dianne L.  
APPLICANT: Bogue, Lluís  
APPLICANT: Wlodawer, Alexander  
TITLE OF INVENTION: Recombinant Ribonuclease Proteins  
NUMBER OF SEQUENCES: 64  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC Compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentln Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/875,811  
FILING DATE: 19-FEB-1998  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/US97/02588  
FILING DATE: 19-FEB-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/011,800  
FILING DATE: 21-FEB-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Faris, Susan K.  
REGISTRATION NUMBER: 41,739  
REFERENCE/DOCKET NUMBER: 015280-244100US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 26:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 105 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-875-811-26

Query Match 95.4%; Score 555; DB 3; Length 105;  
Best Local Similarity 95.2%; Pred. No. 3e-60;  
Matches 100; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1 MSDMLTFQKKHLNTRFDVDCNNIMSTNLFHCKDKNTFTYSRPPVAICGIIASKNVLT 60  
DB 1 MEDWLFQKKHITNTRFDVDCDINIMSTNLFHCKDKNTFTYSRPPVAICGIIASKNVLT 60  
QY 61 TSEFYISDCNVTSRPCKYKRLKSTNTECVTCENQAPVHFVGVGHC 105  
DB 61 TSEFYISDCNVTSRPCKYKRLKSTNTECVTCENQAPVHFVGVGSC 105

RESULT 13  
US-08-283-971-1  
Sequence 1, Application US/08283971  
Patent No. 5529775  
GENERAL INFORMATION:  
APPLICANT: Ardelt Ph.D, Wojciech J.  
APPLICANT: Mikulski, Stanislaw M.  
TITLE OF INVENTION: PHARMACEUTICAL FOR TREATING TUMORS IN HUMANS  
NUMBER OF SEQUENCES: 1  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Mark H. Jay, P.C.  
STREET: P.O. Box 020083, General Post Office  
CITY: Brooklyn  
STATE: New York  
COUNTRY: USA  
ZIP: 11202-0002  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC Compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentln Release #1.24  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/283,971  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/921,180  
FILING DATE: 30-JUL-1992  
APPLICATION NUMBER: US 07/178,118  
FILING DATE: 06-APR-1988  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/436,141

FILING DATE: 13-NOV-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Jay, Mark H.  
REGISTRATION NUMBER: 27507  
REFERENCE/DOCKET NUMBER: 5006 US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 718-625-0399  
TELEFAX: 718-625-0399  
TELEX: No. 5529775 Applicable  
INFORMATION FOR SRO ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 104 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
HYPOTHETICAL: N  
ANTI-SENSE: N  
FRAGMENT TYPE: N-terminal  
ORIGINAL SOURCE:  
ORGANISM: Rana pipiens  
DEVELOPMENTAL STAGE: Embryo  
US-08-283-971-1

Query Match 94.7%; Score 551; DB 1; Length 104;  
Best Local Similarity 96.1%; Pred. No. 9.1e-60;  
Matches 99; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY 3 DWLTFQKKHITNRDVCNNIMSTNLFHCKDKNTFTYSRPEPKAICKGIASKNVLTTS 62  
DB 2 DWLTFQKKHITNRDVCNNIMSTNLFHCKDKNTFTYSRPEPKAICKGIASKNVLTTS 61

OY 63 EFTLSDCNVTSRCKYKLRKSTNFTCVTCENQAPVHFVGVGHC 105  
DB 62 EFTLSDCNVTSRCKYKLRKSTNFTCVTCENQAPVHFVGVGSC 104

RESULT 14  
US-07-921-619-1  
Sequence 1, Application US/07921619  
Patent No. 5595734  
GENERAL INFORMATION:  
APPLICANT: Arcelt Ph.D, Wojciech J.  
APPLICANT: Mikulski, Stanislaw M.  
TITLE OF INVENTION: PHARMACEUTICAL FOR TREATING TUMORS IN HUMANS  
NUMBER OF SEQUENCES: 1  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Mark H. Jay, P.C.  
STREET: P.O. Box 020083, General Post Office  
CITY: Brooklyn  
STATE: New York  
COUNTRY: USA  
ZIP: 11202-0002  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.24  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/921,619  
FILING DATE: 19920728  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/178,118  
FILING DATE: 06-APR-1988  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/436,141  
FILING DATE: 13-NOV-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Jay, Mark H.  
REGISTRATION NUMBER: 27507  
REFERENCE/DOCKET NUMBER: 5005 US  
TELECOMMUNICATION INFORMATION:

TELEPHONE: 718-625-0399  
TELEFAX: 718-625-0399  
TELEX: No. 5595734 Applicable  
INFORMATION FOR SRO ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 104 amino acids  
TYPE: AMINO ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
HYPOTHETICAL: N  
ANTI-SENSE: N  
FRAGMENT TYPE: N-terminal  
ORIGINAL SOURCE:  
ORGANISM: Rana pipiens  
DEVELOPMENTAL STAGE: Embryo  
US-07-921-619-1

Query Match 94.7%; Score 551; DB 1; Length 104;  
Best Local Similarity 96.1%; Pred. No. 9.1e-60;  
Matches 99; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY 3 DWLTFQKKHITNRDVCNNIMSTNLFHCKDKNTFTYSRPEPKAICKGIASKNVLTTS 62  
DB 2 DWLTFQKKHITNRDVCNNIMSTNLFHCKDKNTFTYSRPEPKAICKGIASKNVLTTS 61

OY 63 EFTLSDCNVTSRCKYKLRKSTNFTCVTCENQAPVHFVGVGHC 105  
DB 62 EFTLSDCNVTSRCKYKLRKSTNFTCVTCENQAPVHFVGVGSC 104

RESULT 15  
US-08-467-955-1  
Sequence 1, Application US/08467955  
Patent No. 5728805  
GENERAL INFORMATION:  
APPLICANT: Arcelt Ph.D, Wojciech J.  
TITLE OF INVENTION: PHARMACEUTICALS AND METHOD FOR MAKING THEM  
NUMBER OF SEQUENCES: 2  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Mark H. Jay, P.A.  
STREET: P.O. Box E  
CITY: Short Hills  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07078-0383  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.24  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/467,955  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/178,118  
FILING DATE: 06-APR-1988  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/436,141  
FILING DATE: 13-NOV-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/814,332  
FILING DATE: 03-FEB-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/283,970  
FILING DATE: 01-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Jay, Mark H.  
REGISTRATION NUMBER: 27507  
REFERENCE/DOCKET NUMBER: 5007 US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201-912-9066

TELEFAX: 201-912-0442  
TELEX: No. 5728805 Applicable  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 104 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
HYPOTHETICAL: N  
ANTI-SENSE: N  
FRAGMENT TYPE: N-terminal  
ORIGINAL SOURCE:  
ORGANISM: Rana pipiens  
DEVELOPMENTAL STAGE: Oocyte  
US-08-467-955-1

Query Match 94.7%; Score 551; DB 1; Length 104;  
Best Local Similarity 96.1%; Pred. No. 9,1e-60;  
Matches 99; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY 3 DMLFFQKKHITNTRDVCNNIMSTNLFHCKDKNTFIYSRPEPVKAICKGIASKNVLTTS 62  
|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||  
Db 2 DMLFFQKKHITNTRDVCNNIMSTNLFHCKDKNTFIYSRPEPVKAICKGIASKNVLTTS 61  
OY 63 EFLYSDCNVTSRPPCKYKRLKSTNFCVTCENQAPVHFVGVC 105  
|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||  
Db 62 EFLYSDCNVTSRPPCKYKRLKSTNFCVTCENQAPVHFVGVC 104  
|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||

Search completed: June 25, 2003, 15:00:17  
Job time : 11.907 secs